



**DEPARTMENT OF ENVIRONMENTAL QUALITY**

KATHLEEN BABINEAUX BLANCO  
GOVERNOR

MIKE D. McDANIEL, Ph.D.  
SECRETARY

Certified Mail No.

Activity No.: PER20060001  
Agency Interest No. 5688

Mr. James T. Shea  
Managing Partner of Operations  
The Bayou Companies, LLC  
5200 Curtis Lane  
New Iberia, Louisiana 70560

RE: Part 70 Operating Permit, The Bayou Companies, LLC - New Iberia Facility  
The Bayou Companies, LLC, New Iberia, Iberia Parish, Louisiana

Dear Mr. Shea:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the \_\_\_ of \_\_\_\_\_, 2012, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

Permit No.: 1260-00102-V0

Sincerely,

Chuck Carr Brown Ph.D.  
Assistant Secretary  
CCB:mb  
c: EPA Region VI

**ENVIRONMENTAL SERVICES**

: PO BOX 4313, BATON ROUGE, LA 70821-4313  
P:225-219-3181 F:225-219-3309  
WWW.DEQ.LOUISIANA.GOV

**PUBLIC NOTICE**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**  
**BAYOU COMPANIES, LLC, NEW IBERIA FACILITY**  
**PROPOSED INITIAL PART 70 AIR OPERATING PERMIT MODIFICATION**

The LDEQ, Office of Environmental Services, is accepting written comments on a proposed initial Part 70 air operating permit modification for Bayou Companies, LLC, 5200 Curtis Lane, New Iberia, LA 70560 for the Bayou Companies, LLC - New Iberia Facility. **The facility is located at 5200 Curtis Lane, New Iberia, Iberia Parish.**

Bayou Companies, LLC operates a multiple pipe coating facility located in the Port of Iberia Industrial Complex. The facility currently operates under Permit Number 1260-00102-00, issued September 15, 1998. Bayou Companies, LLC has requested an initial Part 70 air operating permit. The OD fusion bonding process design in OD Plant 1 will be modified.

**This permit was processed as an expedited permit in accordance with LAC 33:I.Chapter 18.**

Estimated emissions from this facility in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM <sub>10</sub>	17.13	22.34	+5.21
SO <sub>2</sub>	0.13	0.20	+0.07
NO <sub>x</sub>	17.43	21.16	+3.73
CO	3.63	17.78	+14.15
VOC	19.23	178.10	+158.87

<u>VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>			
<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Xylene	6.01	48.77	+42.76
Formaldehyde		0.72	+0.72
Ethyl Benzene	0.44	11.45	+11.01
Methyl Ethyl Ketone		0.23	+0.23
Toluene	1.29	1.14	-0.15
Methanol		0.03	+0.03
Total VOC TAPs	7.74	62.34	+54.60
Non-VOC TAP Zinc Phosphate	-	35.86	+35.86
Total TAPs	7.74	98.20	+90.46

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the

"Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Monday, August 13, 2007.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application, proposed initial Part 70 air operating permit modification, Environmental Impact Questions (EIQ) and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5<sup>th</sup> Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at [www.deq.louisiana.gov](http://www.deq.louisiana.gov).**

An additional copy may be reviewed at the Iberia Parish Library, Headquarters, 445 East Main Street, New Iberia, LA 70560-3710.

Inquiries or requests for additional information regarding this permit action should be directed to Mark Browning, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3069.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at [deqmaillistrequest@la.gov](mailto:deqmaillistrequest@la.gov) or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

**Permit public notices including electronic access to the proposed permit and statement of basis** can be viewed at the LDEQ permits public notice webpage at [www.deq.louisiana.gov/apps/pubNotice/default.asp](http://www.deq.louisiana.gov/apps/pubNotice/default.asp) and general information related to the public participation in permitting activities can be viewed at [www.deq.louisiana.gov/portal/tabid/2198/Default.aspx](http://www.deq.louisiana.gov/portal/tabid/2198/Default.aspx).

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at [http://www.doa.louisiana.gov/oes/listservpage/ldeq\\_pn\\_listserv.htm](http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm).

**All correspondence should specify AI Number 5688, Permit Number 1260-00102-V0, and Activity Number PER20060001.**

**Scheduled Publication Dates: July 11, 2007 in The Advocate and July 13, 2007 in The Daily Iberian**

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**The Bayou Companies LLC - New Iberia Facility**  
**Agency Interest No.: 5688**  
**The Bayou Companies LLC**  
**New Iberia, Iberia Parish, Louisiana**

**I. Background**

Bayou Companies, LLC owns and operates multiple pipe coating processes at the facility located in the Port of Iberia Industrial Complex. Bayou Companies, LLC currently operates under Permit No. 1260-00102-00, issued September 15, 1998.

This is the Part 70 operating permit for the facility.

**II. Origin**

A permit application and Emission Inventory Questionnaire were submitted by The Bayou Companies, LLC on September 30, 2006 requesting a Part 70 operating permit. Revised application dated April 24, 2007 was also received.

**III. Description**

Bayou Companies, LLC (TBC) owns and operates multiple pipe coating processes at the facility located in the Port of Iberia Industrial Complex. The facility coats pipe using three main process: Outer Diameter (OD), Inner Diameter (ID), and Concrete.

OD Plant 1

The OD fusion bonding process design in OD Plant 1 will be modified. Some of the process equipment will be moved to the new OD Plant 3. The process still has an initial pipe shot blast step. The blast machine (Wheelabrator #1) dust collector emits to the atmosphere through an exhaust vent. The next step in the pipe coating process involves the first pipe preheat step using a 2 MM BTU/hr combustion heater. Both of these steps will remain unaltered.

This heater and the remaining natural gas combustion sources discharge into the production building area and are vented by convection to the atmosphere as fugitive sources through the double roof of the production building.

The existing phosphoric acid wash system for the pipes in OD Plant 1 will be moved to OD Plant 3. The second 2 MM BTU/hr combustion preheater will remain in OD Plant 1 and supports the second shot blast machine.

This blast machine (Wheelabrator #2) dust collector emits to the atmosphere through an exhaust vent. Pipes being processed can then move consecutively through four, 4 MM

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BTU/hr, combustion heaters. The emissions from these heaters enter the atmosphere through the double roof of the production building and are considered fugitive emissions.

The fusion bonding powder application system in OD Plant 1 will be moved to OD Plant 3. The pipe water quench step equipment and the cooling tower used for heat removal from the recycled quench water will also be moved to OD Plant 3.

Another emission to the atmosphere periodically occurs through a 2,190 CFM dust collector when the pipe connection equipment is blown off.

The pipe heating and shot blast operation can occur up to 16 hours per day, 7 days per week, and 52 weeks per year.

OD Plant 2

The pipe moving equipment will allow either the Thermal Sprayed Aluminum (TSA) process or the OD fusion bonding process to operate singularly but not at the same time.

The first step in the process is shot blasting the OD to remove mill scale from the outside of the pipes. The blasting operation system recaptures the shot and reuses it. Most of the shot drops off the pipes but some enters the pipe interior. The shot and disintegrated shot (shot dust) that drop off are recycled through equipment that has a shot dust collector. The shot and related dust in the pipe interior are suctioned out of the pipe interior in a subsequent step. Additional shot material is added to the operation to maintain process inventory and replace the shot dust formed.

The blast machine (Wheelabrator #1) dust collector emits to the atmosphere through an exhaust vent. The next step in the pipe coating process involves the pipe preheat step using a 2.25 MM BTU/hr combustion heater.

This heater and the remaining natural gas combustion sources discharge into the production building area and are vented by convection to the atmosphere as fugitive sources through the double roof of the production building. The emissions are considered fugitive and listed as source 94-16.

The next step in the coating process involves another pipe shot blast (Wheelabrator #2) step. The blast machine dust collector emits to the atmosphere through an exhaust vent source 94-7. The pipes are then suctioned inside to remove excess dust. The suction process is being ducted to the dust collector whose vent is source 04-1. This dust collector will be used during

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both OD pipe processing and TSA production. The old system that has the point source numbered 94-8 and previously used has been deleted.

The next step is a phosphoric acid wash of the pipes. The preheated pipes move through a washer system in which a 10% phosphoric acid solution is circulated. Two 6000 gallon phosphoric acid solution tanks that are vented through a single vent are used for spent acid wash storage. Solution makeup from totes of phosphoric acid occurs in the wash system as necessary.

The pipes then move consecutively through five 9 MM BTU/hr combustion heaters.

The hot pipes are sent into and through two bonding powder application booths. One or both can be operated at the same time. Powder rates and their ratios will vary but will not sum to over 48 pounds per minute. The two powder systems have their own powder collection and recycle system. Each system has a 15,000 CFM discharge from the coating dust collector, sources 94-10A and 07-3. For permitting purposes, a 50/50 split for coating application will be assumed.

A pipe quench step then occurs and the coated pipes are inventoried for sales and shipment. The cooling tower used for heat removal from the recycled quench water is source 94-11.

The cooled pipes are then sent through the outbound suction dust system to remove internal dust before being placed into inventory. This system has a 2,190 CFM discharge from the dust collector source 94-10B.

The area fugitives inside the Plant 2 building, source 94-16, are comprised of one 2.25 MM BTU/hr pre-heater, four 9 MM BTU/hr heaters, an acid wash system, and water quench system. The acid wash system and water quench system emissions are de minimus.

Coating production occurs up to 16 hours per day, 7 days per week, and 52 weeks per year.

**Thermal Sprayed Aluminum (TSA) Process:**

This unique process coats the outside of rotating pipe joints as they travel through Plant 2. The process uses induction coils instead of combustion heaters to dry the outside of the pipes. No emissions from this step occur. The next step uses an existing blasting machine and associated dust collection equipment, source 94-7. The pipe is then passed through a new booth where thermally vaporized aluminum wire is sprayed onto the horizontally moving rotating pipe. A new 13,000 CFM abatement system will be installed and consists of a

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cyclone and dust collector. The vent from this system is emission source 04-1. The pipe is then moved along and finally spray coated. Emissions from the coating operation are labeled as emission source number 04-2. Cleanup fugitives are labeled emission source 04-3.

Twenty pipe joints per day can be sprayed. TSA production occurs up to 16 hours per day, 7 days per week, and 13 weeks per year.

OD Plant 3

Initially the pipes move through an induction preheater.

Next in this new OD fusion bonding process are double shot blasting steps. The shot blasting on the OD removes mill scale from the outside of the pipes. The blasting operation system recaptures the shot and reuses it. Most of the shot drops off the pipes. However, a small portion enters the pipe interior. The shot and disintegrated shot (shot dust) that drop off are recycled through equipment that has a shot dust collector. The shot and related dust in the pipe interior are suctioned out of the pipe interior in a subsequent step. Additional shot material is added to the operation to maintain process inventory and replace the shot dust formed and filtered out of the system.

These next two steps use two Wheelabrators in series and are connected to one common dust collector. The dust collector emits to the atmosphere through source 06-1.

The heated and OD blasted pipes are then ID suctioned to remove internal dust with a suction dust collection system. This system dust collector emits to the atmosphere through source 06-2.

The next step in the OD pipe coating process involves a phosphoric acid wash. The preheated and blasted pipes move through a washer system where 10% phosphoric acid solution is circulated. The existing 6,000 gallon phosphoric acid solution tank, source 94-2, from Plant 1 will be moved and used for spent acid wash storage. Solution makeup from totes of phosphoric acid occurs as necessary.

The pipes then move consecutively through five induction heaters in series.

The hot pipes are then sent into and through two bonding powder application booths. One or both can be operated at the same time. Powder rates and their ratios will vary but will not sum to over 48 pounds per minute. Each of the two powder coating systems have their own overspray powder collection and recycle system. Each system has a 15,000 CFM discharge

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from the coating dust collector. For permitting purposes, a 50/50 split for coating application will be assumed.

A pipe quench step then occurs and the coated pipes are inventoried for sales and shipment. There will be a new 400 GPM cooling tower constructed in Plant 3. The two Plant 1 cooling towers will be moved and also used in Plant 3. Because of their characteristics, all three cooling tower discharges will be called source 94-5.

Coating production occurs 24 hours per day, 7 days per week, and 52 weeks per year.

#### Fuel Terminal

The fuel terminal consists of six tanks. The largest is an 11,000 gallon diesel tank source 94-12. There is another smaller diesel tank that is only 1,000 gallons, source 94-14. The other tank is a 3,000 gallon gasoline tank that is source 94-13.

The remaining three tank sizes are below the Federal SPCC plan requirements of 550 gallons and have de minimus emissions. They are a 500 gallon used oil tank, a 150 gallon motor oil tank, and a 150 gallon hydraulic oil tank.

No volatile organic compounds or toxic compounds are emitted from the OD plants from the fusion bonding coating operation. Some VOCs are emitted from the fuel storage tanks on the site.

#### ID Plant

TBC also operates an inside diameter (ID) coating facility. This process includes the inside surface of various sized transmission pipes. The coating protects the inside of the pipe during pipe inventory periods. The ID coating also reduces friction and pumping costs after installation. The operation includes four basic steps.

Step one thru three have duplicate trains for pipe processing. The first step involves drying the inside diameter of the damp or wet pipes. A 1 MM BTU/hr natural gas air drying system is used for this step. The duplicate emission source numbers are 94-17 and 06-3.

The second step in the ID plant includes a blasting process (blast wand) that traverses the inside of each pipe. The shot blast material recirculates in this process. The shot material is collected in a knock out tank on the far end of the process and feeds a return conveyor system that carries the recycle shot material back to the initial end of the process.

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The shot material returned to the initial end of the process is screw conveyed back into the feed hopper. The feed hopper has a filter system that vents into the building. Additional shot material is added to the operation to maintain process inventory and replace the shot dust formed from disintegrated shot material.

That amount of shot material is therefore degraded to shot dust. The shot dust formed is pulled over from the knock out tank into the shot dust collector where it is filtered out of the system. The abated shot dust is collected in drums under the dust collector and disposed offsite.

Shot dust emissions occur and are controlled using dust collector filters and blast material recycle step with a hopper vent. The recycle step hoppers have intermediate discharges.

The prepared pipes are then coated (step three) using special equipment and commercial epoxy and paint formulations.

The VOCs on the coated pipes are then dried (step four) using hot air generated at 4 MM BTU/hr natural gas heater.

Equipment cleanup activity using a chemical mixture produces a fugitive source. A usage rate of 1 drum of cleanup mixture per 3,000 gallons of coating has been estimated based on purchase and production records.

The dried finished pipes are then inventoried for further processing or sales. Production occurs up to 24 hours per day, 7 days per week, and 52 weeks per year.

#### Concrete Coating Operation

Corrosion coated pipe is fed to the concrete operation on padded steel rails. The rails are equipped with pipe stoppers and lowering-in arms that set the pipe gently on to the incoming conveyor. A two-part adhesive is applied to the pipe as it is conveyed into the coating application area. Application of the previously mixed concrete is performed by wrap-on for all diameters of pipe. The layer of concrete is applied with the wrap on method in thickness from 1.0 to 5.5 inches. A plastic outer wrap is mechanically applied over the topcoat. As the coated pipe moves beyond the application area a "transvering saw" detects the ends of each coated pipe and cuts through the concrete coating reinforcing wire between the pipes allowing the coated pipe to "breakaway" from the pipe being coated.

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The outgoing coated pipe is supported and conveyed by six-fixed belt heads. The coated pipe is lifted from the belt heads by a front-end loader and shifted to the cleaning station where ends are cleaned and the pipe weighed. The finished coated pipe is then taken to the stockpile area and allowed to cure.

Air emission sources from the concrete mixing are addressed in the AP-42 chapter 11.12. There are sand and iron ore transfer fugitive emissions. Cement is unloaded into an elevated silo with a bag house filter system. There are also sand and iron ore weigh hopper loading fugitives. Emissions from the concrete mixer loading operation are abated using a bag house filter system. Emission rates from these sources are estimated using AP-42 factors and associated throughputs.

Production occurs up to 10 hours per day, 5 days per week, and 52 weeks per year.

Plant Road Dust

TBC operations include pipe movement using big forklifts within the plant. This movement occurs to place pipe in inventory, remove and carry it to the operations and replace the pipe back into inventory. The same forklifts are also used to assist in pipe loading and unloading operations.

Some road dust is produced during operations and is estimated using AP-42 factors and data estimates from the plant. These road dust fugitives are controlled using canal water and sprayed via truck. This fugitive emission is numbered 98-3.

With this modification, Bayou Companies, LLC proposes the following:

- Increase the amount of coating consumed during the IDC operation.
- Addition of Thermal Sprayed Alumium (TSA) operation to OD Plant 2.
- Construct a new OD Plant 3 using some equipment from OD Plant 1.
- Change the facility from minor source status to major source.

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Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM <sub>10</sub>	17.13	22.34	+5.21
SO <sub>2</sub>	0.13	0.20	+0.07
NO <sub>x</sub>	17.43	21.16	+3.73
CO	3.63	17.78	+14.15
VOC *	19.23	178.10	+158.87

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Xylene	6.01	48.77	+42.76
Formaldehyde		0.72	+0.72
Ethyl Benzene	0.44	11.45	+11.01
Methyl Ethyl Ketone		0.23	+0.23
Toluene	1.29	1.14	-0.15
Methanol		0.03	+0.03
Total VOC TAPs	7.74	62.34	+54.60
Non-VOC TAP	-	35.86	+35.86
Zinc Phosphate			
Total TAPs	7.74	98.20	+90.46

#### IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations and National Emission Standards for Hazardous Air Pollutants (NESHAP). New Source Performance Standards (NSPS) and Prevention of Significant Deterioration (PSD) do not apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

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Bayou Companies, LLC shall comply with the applicable provisions of the National Emissions Standards for Organic Hazardous Air Pollutants, 40 CFR 63 Subpart M MMM Miscellaneous Metal Parts Surface Coating and perform Good Housekeeping Practices as MACT under LAC 33:III.5109.A.

**V. Credible Evidence**

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

**VI. Public Notice**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2007; and in the <local paper>, <local town>, on <date>, 2007. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

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**VII. Effects on Ambient Air**

Dispersion Model(s) Used: ISCST3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
Xylene	8 hour	6338.414 $\mu\text{g.m}^3$	10,300 $\mu\text{g.m}^3$
Formaldehyde	Annual	2.937 $\mu\text{g.m}^3$	7.69 $\mu\text{g.m}^3$
Ethyl Benzene	8 hour	1480.958 $\mu\text{g.m}^3$	10,300 $\mu\text{g.m}^3$

**VIII. General Condition XVII Activities**

Work Activity	Schedule	PM <sub>10</sub>	Emission Rates - tons			
			SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
None						

**IX. Insignificant Activities**

ID No.:	Description	Citation
94-14	Diesel Storage Tank 1,000 gallons	LAC 33:III.501.B.5.A.3
94-2	Spent Phosphoric Acid/Water Tank	LAC 33:III.501.B.5.A.5
94-9	Spent Phosphoric Acid/Water Tank	LAC 33:III.501.B.5.A.5
94-5	Cooling Tower	LAC 33:III.501.B.5.C.1
94-11	Cooling Tower	LAC 33:III.501.B.5.C.1

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III, Chapter																		
		5 <sup>A</sup>	509	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2123	22	29*	51*	53*	56	59*
GRP 1	Entire Facility	1		1	1	1											1			3
ARE 1	03-5 Wind erosion from piles				1															
EQT 1	94-1 Shot dust collector vent	1																		
EQT 2	94-3 Shot dust collector vent	1																		
EQT 3	94-4A Coating dust collector vent	1																		
EQT 4	94-4B Coating dust collector vent	1																		
EQT 5	94-6 Shot dust collector vent	1																		
EQT 6	94-7 Shot dust collector vent	1																		
EQT 8	94-10A Coating dust collector vent	1																		
EQT 9	94-10B Suction dust collector vent	1																		
EQT 10	94-12 Diesel fuel tank	1																		
EQT 11	94-13 Gasoline storage tank	1								1										
EQT 12	94-15A Preheater No. 1 (Plant 1)				1	1	1													
EQT 13	94-15B Preheater No. 2 (Plant 1)				1	1	1													
EQT 14	94-15C Heater No. 1 (Plant 1)				1	1	1													
EQT 15	94-15D Heater No. 2 (Plant 1)				1	1	1													
EQT 16	94-15E Heater No. 3 (Plant 1)				1	1	1													
EQT 17	94-15F Heater No. 4 (Plant 1)				1	1	1													
EQT 18	94-16A Preheater No. 1 (Plant 2)				1	1	1													
EQT 19	94-16B Heater No. 1 (Plant 2)				1	1	1													

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

The Bayou Companies LLC - New Iberia Facility  
 Agency Interest No.: 5688  
 The Bayou Companies LLC  
 New Iberia, Iberia Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III. Chapter																			
		5 <sup>A</sup>	509	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2123	22	29*	51*	53*	56	59*	
EQT 20	94-16C Heater No. 2 (Plant 2)				1	1	1														
EQT 21	94-16D Heater No. 3 (Plant 2)				1	1	1														
EQT 22	94-16E Heater No. 4 (Plant 2)				1	1	1														
EQT 23	94-16F Heater No. 5 (Plant 2)				1	1	1														
EQT 24	94-17Preprocess dryer fugitives				1	1	1														
EQT 25	94-20 Coating and drying fugitives				1	1	1						1				1				
EQT 26	94-18 Dust collector	1																			
EQT 27	94-19 Dust hopper	1																			
EQT 28	03-1A Sand transfer fugitives	1				1															
EQT 29	03-1B Iron ore transfer fugitives	1				1															
EQT 30	03-2 Cement unloading to elevated silo	1																			
EQT 31	03-3A Sand weigh hopper loading	1				1															
EQT 32	03-3B Iron ore weigh hopper loading	1				1															
EQT 33	03-4 Concrete mixer loading	1																			
EQT 34	04-1 Coating dust collector vent	1																			
EQT 35	04-2 Spray coating fugitives												1							1	
EQT 36	04-3 Cleanup fugitives																			1	
EQT 37	06-1 Shot dust collector vent	1																			
EQT 38	06-2 Shot dust collector vent	1																			
EQT 39	06-3 Preprocess dryer fugitives					1	1	1													

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EQT 40	06-4 Dust collector	1																			
EQT 41	06-5 Dust hopper	1																			
EQT 42	07-3 ARO Coating dust collector vent	1																			
EQT 43	07-2 ARO Coating dust collector vent	1																			
FUG 1	98-3 Fugitive road dust				1																
FUG 2	07-1 Cleanup fugitives ID plant	1																			

\* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.





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**KEY TO MATRIX**

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
GRP 1 Entire Facility	Chemical Accident Prevention Provisions [40 CFR 68] Chemical Accident Prevention and Minimization of Consequences [LAC 33:III Chapter 59]	DOES NOT APPLY. This facility emits below the threshold quantities used to trigger this subpart.
EQT 12, 94-15A Preheater No. 1 (Plant 1), EQT 13, 94-15B Preheater No. 2 (Plant 1), EQT 14, 94-15C Heater No. 1 (Plant 1), EQT 15, 94-15D Heater No. 2 (Plant 1), EQT 16, 94-15E Heater No. 3 (Plant 1), EQT 17, 94-15F Heater No. 4 (Plant 1), EQT 18, 94-16A Preheater No. 1 (Plant 2), EQT 19, 94-16B Heater No. 1 (Plant 2), EQT 20, 94-16C Heater No. 2 (Plant 2), EQT 21, 94-16D Heater No. 3 (Plant 2), EQT 22, 94-16E Heater No. 4 (Plant 2), EQT 23, 94-16F Heater No. 5 (Plant 2), EQT 24, 94-17 Preprocess dryer fugitives, EQT 25, 94-20 Coating and drying fugitives, EQT 39, 06-3 Preprocess dryer fugitives	Emission Standards for Sulfur Dioxide Emission Limitations [LAC 33:III.1503.C] Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A]	EXEMPT. Units emit less than 250 tons of SO <sub>2</sub> per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO <sub>2</sub> standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918.

The above table provides explanation for both the exemption status, or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

## 40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
  2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
  3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

## 40 CFR PART 70 GENERAL CONDITIONS

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.  
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
  2. the date(s) analyses were performed;
  3. the company or entity that performed the analyses;
  4. the analytical techniques or methods used;
  5. the results of such analyses; and
  6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an

**40 CFR PART 70 GENERAL CONDITIONS**

emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
  
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
  
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
  - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
  - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
  - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
  - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
  - 5. changes in emissions would not qualify as a significant modification; and
  - 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
  
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
  - 1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
  - 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

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3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
  - a. Report by June 30 to cover January through March
  - b. Report by September 30 to cover April through June
  - c. Report by December 31 to cover July through September
  - d. Report by March 31 to cover October through December
  
4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
  
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
  
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
  1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
  2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
  3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
  4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
  5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
  6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

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- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

**LOUISIANA AIR EMISSION PERMIT  
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- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
  
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
  
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated September 30, 2006, along with a revised application dated April 24, 2007.
  
- IV. This permit shall become invalid, for the sources not constructed, if:
  - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
  - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
  
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
  
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

## LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
  - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
  - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
    1. Report by June 30 to cover January through March
    2. Report by September 30 to cover April through June
    3. Report by December 31 to cover July through September
    4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT  
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
  2. Cause of noncompliance;
  3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
  4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
  5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
  - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
  - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
  - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

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GENERAL CONDITIONS**

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
  - 1. Generally be less than 5 TPY
  - 2. Be less than the minimum emission rate (MER)
  - 3. Be scheduled daily, weekly, monthly, etc., or
  - 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division  
 La. Dept. of Environmental Quality  
 Post Office Box 4302  
 Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

**General Information**

**AI ID: 5688 The Bayou Companies LLC - New Iberia Facility**  
**Activity Number: PER20060001**  
**Permit Number: 1260-00102-V0**  
**Air - Title V Regular Permit Initial**

Also Known As:	ID	Name	User Group	Start Date
	1260-00102	Bayou Mgmt/Port Of The Bayou Companies LLC - New Iberia Facility	Air Permitting	05-29-1998
	LAD981512460	Bayou Mgmt Svcs Inc	CDS Number	05-29-1998
	G-045-7049	Site Id #	Hazardous Waste Notification	06-06-1986
	103547	Bayou Mgmt Svcs LLC	Solid Waste Facility No.	09-19-2001
	32130	Bayou Mgmt/Port Of	TEMPO Merge	01-24-2003
	34067	Mallard Bay Drilling Inc	TEMPO Merge	01-24-2003
	70560BYPCC5310C	TRI #	TEMPO Merge	09-20-2001
			Toxic Release Inventory	07-09-2004

**Physical Location:** 5200 Curtis Ln  
New Iberia, LA 70560

**Mailing Address:** 5200 Curtis Ln  
New Iberia, LA 70560

**Location of Front Gate:** 29° 56' 55" latitude, 91° 50' 43" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD83

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	David Bourgeois	5200 Curtis Ln New Iberia, LA 70560	3373693761 (WP)	Employed by
	James Shea	5200 Curtis Ln New Iberia, LA 70560	3373693761 (WP)	Employed by

Related Organizations:	Name	Address	Phone (Type)	Relationship
	The Bayou Companies LLC	5200 Curtis Ln New Iberia, LA 70560		Air Billing Party for

**Note:** This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to [facupdate@la.gov](mailto:facupdate@la.gov).

**INVENTORIES**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**Subject Item Inventory:**

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
ARE001	03-5 - Wind Erosion from Piles		35900 tons/yr	35900 tons/yr		8760 hr/yr (All Year)
EQT001	94-1 Shot Dust Collector Vent		3750 ft <sup>3</sup> /min	3750 ft <sup>3</sup> /min		5824 hr/yr (All Year)
EQT002	94-3 Shot Dust Collector Vent		3750 ft <sup>3</sup> /min	3750 ft <sup>3</sup> /min		5824 hr/yr (All Year)
EQT003	94-4A Coaling Dust Collector Vent		15000 ft <sup>3</sup> /min	15000 ft <sup>3</sup> /min		8760 hr/yr (All Year)
EQT004	94-4B Coaling Dust Collector Vent		3000 ft <sup>3</sup> /min	3000 ft <sup>3</sup> /min		5824 hr/yr (All Year)
EQT005	94-6 Shot Dust Collector Vent		5500 ft <sup>3</sup> /min	5500 ft <sup>3</sup> /min		5824 hr/yr (All Year)
EQT006	94-7 Shot Dust Collector Vent		5500 ft <sup>3</sup> /min	5500 ft <sup>3</sup> /min		5824 hr/yr (All Year)
EQT008	94-10A Coaling Dust Collector Vent		15000 ft <sup>3</sup> /min	15000 ft <sup>3</sup> /min		5824 hr/yr (All Year)
EQT009	94-10B Suction Dust Collector Vent		2190 ft <sup>3</sup> /min	2190 ft <sup>3</sup> /min		5824 hr/yr (All Year)
EQT010	94-12 Diesel Fuel Tank	11000 gallons	77000 gallons/yr	77000 gallons/yr	Diesel no. 2 fuel	8760 hr/yr (All Year)
EQT011	94-13 Gasoline Storage Tank	2820 gallons	19740 gallons/yr	19740 gallons/yr	Gasoline	8760 hr/yr (All Year)
EQT012	94-15A Preheater No. 1 (Plant No. 1)		2 MM BTU/hr	2 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT013	94-15B Preheater No. 2 (Plant No. 1)		2 MM BTU/hr	2 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT014	94-15C Heater No. 1 (Plant No. 1)		4 MM BTU/hr	4 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT015	94-15D Heater No. 2 (Plant No. 1)		4 MM BTU/hr	4 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT016	94-15E Heater No. 3 (Plant No. 1)		4 MM BTU/hr	4 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT017	94-15F Heater No. 4 (Plant No. 1)		4 MM BTU/hr	4 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT018	94-16A Preheater No. 1 (Plant No. 2)		2.25 MM BTU/hr	2.25 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT019	94-16B Heater No. 1 (Plant No. 2)		9 MM BTU/hr	9 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT020	94-16C Heater No. 2 (Plant No. 2)		9 MM BTU/hr	9 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT021	94-16D Heater No. 3 (Plant No. 2)		9 MM BTU/hr	9 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT022	94-16E Heater No. 4 (Plant No. 2)		9 MM BTU/hr	9 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT023	94-16F Heater No. 5 (Plant No. 2)		9 MM BTU/hr	9 MM BTU/hr	Natural gas	5824 hr/yr (All Year)
EQT024	94-17 Preprocess Dryer Fugitives		1 MM BTU/hr	1 MM BTU/hr	Natural gas	8760 hr/yr (All Year)
EQT025	94-20 Coating and Drying Fugitives		4 MM BTU/hr	4 MM BTU/hr	Natural gas	8760 hr/yr (All Year)
EQT026	94-18 Dust Collector		19000 ft <sup>3</sup> /min	125000 gallons/yr	Natural gas, paint, and thinner	5824 hr/yr (All Year)
EQT027	94-19 Dust Hopper		2000 ft <sup>3</sup> /min	19000 ft <sup>3</sup> /min		8760 hr/yr (All Year)
EQT028	03-1A Sand Transfer Fugitives		26000 tons/yr	26000 tons/yr	Sand	2600 hr/yr (All Year)
EQT029	03-1B Iron Ore Transfer Fugitives		95000 tons/yr	95000 tons/yr	Iron Ore	2600 hr/yr (All Year)
EQT030	03-2 Cement Unloading to Elevated Silo/Hopper		31000 tons/yr	31000 tons/yr	Cement	2600 hr/yr (All Year)
EQT031	03-3A Sand Weigh Hopper Loading Fugitives		26000 tons/yr	26000 tons/yr	Sand	2600 hr/yr (All Year)
EQT032	03-3B Iron Ore Weigh Hopper Loading Fugitives		95000 tons/yr	95000 tons/yr	Iron Ore	2600 hr/yr (All Year)
EQT033	03-4 Concrete Mixer Loading		31000 tons/yr	31000 tons/yr	Concrete	2600 hr/yr (All Year)
EQT034	04-1 Coating Dust Collector Vent		50000 ft <sup>3</sup> /min	50000 ft <sup>3</sup> /min		5824 hr/yr (All Year)
EQT035	04-2 Spray Coating Fugitives		1140 gallons/yr	1140 gallons/yr	Paint	1456 hr/yr (All Year)
EQT036	04-3 Clean Up Fugitives		55 gallons/yr	55 gallons/yr	Solvent	1456 hr/yr (All Year)
EQT037	06-1 Shot Dust Collector Vent		18500 ft <sup>3</sup> /min	18500 ft <sup>3</sup> /min		8760 hr/yr (All Year)

**INVENTORIES**

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**Air - Title V Regular Permit Initial**

**Subject Item Inventory:**

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT038	06-2 Shot Dust Collector Vent	14000 ft <sup>3</sup> /min	14000 ft <sup>3</sup> /min	14000 ft <sup>3</sup> /min		8760 hr/yr (All Year)
EQT039	06-3 Preprocess Dryer Fugitives	1 MM BTU/hr	1 MM BTU/hr	1 MM BTU/hr	Natural gas	8760 hr/yr (All Year)
EQT040	06-4 Dust Collector	31000 ft <sup>3</sup> /min	31000 ft <sup>3</sup> /min	31000 ft <sup>3</sup> /min		8760 hr/yr (All Year)
EQT041	06-5 Dust Hopper	3250 ft <sup>3</sup> /min	3250 ft <sup>3</sup> /min	3250 ft <sup>3</sup> /min		2184 hr/yr (All Year)
EQT042	07-3 - ARO Coating Dust Collector Vent	15000 ft <sup>3</sup> /min	15000 ft <sup>3</sup> /min	15000 ft <sup>3</sup> /min		5824 hr/yr (All Year)
EQT043	07-2 - ARO Coating Dust Collector Vent	15000 ft <sup>3</sup> /min	15000 ft <sup>3</sup> /min	15000 ft <sup>3</sup> /min		8760 hr/yr (All Year)
FUG001	98-3 Fugitive Road Dust					8760 hr/yr (All Year)
FUG002	07-1 - Clean Up Fugitives ID Plant	2292 gallons/yr	2292 gallons/yr	2292 gallons/yr		295 hr/yr (All Year)

**Subject Item Groups:**

ID	Description	Included Components (from Above)
GRP001	Entire Facility	ARE1 03-5 - Wind Erosion from Piles
GRP001	Entire Facility	EQT1 94-1 Shot Dust Collector Vent
GRP001	Entire Facility	EQT2 94-3 Shot Dust Collector Vent
GRP001	Entire Facility	EQT3 94-4A Coating Dust Collector Vent
GRP001	Entire Facility	EQT4 94-4B Coating Dust Collector Vent
GRP001	Entire Facility	EQT5 94-6 Shot Dust Collector Vent
GRP001	Entire Facility	EQT6 94-7 Shot Dust Collector Vent
GRP001	Entire Facility	EQT8 94-10A Coating Dust Collector Vent
GRP001	Entire Facility	EQT9 94-10B Suction Dust Collector Vent
GRP001	Entire Facility	EQT10 94-12 Diesel Fuel Tank
GRP001	Entire Facility	EQT11 94-13 Gasoline Storage Tank
GRP001	Entire Facility	EQT12 94-15A Preheater No. 1 (Plant No. 1)
GRP001	Entire Facility	EQT13 94-15B Preheater No. 2 (Plant No. 1)
GRP001	Entire Facility	EQT14 94-15C Heater No. 1 (Plant No. 1)
GRP001	Entire Facility	EQT15 94-15D Heater No. 2 (Plant No. 1)
GRP001	Entire Facility	EQT16 94-15E Heater No. 3 (Plant No. 1)
GRP001	Entire Facility	EQT17 94-15F Heater No. 4 (Plant No. 1)
GRP001	Entire Facility	EQT18 94-16A Preheater No. 1 (Plant No. 2)
GRP001	Entire Facility	EQT19 94-16B Heater No. 1 (Plant No. 2)
GRP001	Entire Facility	EQT20 94-16C Heater No. 2 (Plant No. 2)
GRP001	Entire Facility	EQT21 94-16D Heater No. 3 (Plant No. 2)
GRP001	Entire Facility	EQT22 94-16E Heater No. 4 (Plant No. 2)
GRP001	Entire Facility	EQT23 94-16F Heater No. 5 (Plant No. 2)
GRP001	Entire Facility	EQT24 94-17 Preprocess Dryer Fugitives
GRP001	Entire Facility	EQT25 94-20 Coating and Drying Fugitives

**INVENTORIES**

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Subject Item Groups:		Included Components (from Above)	
ID	Description		
GRP001	Entire Facility	EQT26 94-18	Dust Collector
GRP001	Entire Facility	EQT27 94-19	Dust Hopper
GRP001	Entire Facility	EQT28 03-1A	Sand Transfer Fugitives
GRP001	Entire Facility	EQT29 03-1B	Iron Ore Transfer Fugitives
GRP001	Entire Facility	EQT30 03-2	Cement Unloading to Elevated Silo/Hopper
GRP001	Entire Facility	EQT31 03-3A	Sand Weigh Hopper Loading Fugitives
GRP001	Entire Facility	EQT32 03-3B	Iron Ore Weigh Hopper Loading Fugitives
GRP001	Entire Facility	EQT33 03-4	Concrete Mixer Loading
GRP001	Entire Facility	EQT34 04-1	Coating Dust Collector Vent
GRP001	Entire Facility	EQT35 04-2	Spray Coating Fugitives
GRP001	Entire Facility	EQT36 04-3	Clean Up Fugitives
GRP001	Entire Facility	EQT37 06-1	Shot Dust Collector Vent
GRP001	Entire Facility	EQT38 06-2	Shot Dust Collector Vent
GRP001	Entire Facility	EQT39 06-3	Preprocess Dryer Fugitives
GRP001	Entire Facility	EQT40 06-4	Dust Collector
GRP001	Entire Facility	EQT41 06-5	Dust Hopper
GRP001	Entire Facility	EQT42 07-3 - ARO	Coating Dust Collector Vent
GRP001	Entire Facility	EQT43 07-2 - ARO	Coating Dust Collector Vent
GRP001	Entire Facility	FUG1 98-3	Fugitive Road Dust
GRP001	Entire Facility	FUG2 07-1 - Clean Up	Fugitives ID Plant

**Relationships:**

**Stack Information:**

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
ARE001					10	
EQT001	51	3750	1.25		20	77
EQT002	51	3750	1.25		20	77
EQT003	63	15000	2.25		20	77
EQT004	64	3000	1		16	77
EQT005	75	5500	1.25		13	77
EQT006	75	5500	1.25		13	77
EQT008	60	15000	2.25		29	77
EQT009	46	2190	1		13	77
EQT010	1.3	6.7	.33		13.5	77
EQT011	1.3	6.7	.33		8.5	77
EQT012					28	
EQT013					28	

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**Stack Information:**

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)	
EQT014	94-15C	Heater No. 1 (Plant No. 1)			28		
EQT015	94-15D	Heater No. 2 (Plant No. 1)			28		
EQT016	94-15E	Heater No. 3 (Plant No. 1)			28		
EQT017	94-15F	Heater No. 4 (Plant No. 1)			28		
EQT018	94-16A	Preheater No. 1 (Plant No. 2)			45		
EQT019	94-16B	Heater No. 1 (Plant No. 2)			45		
EQT020	94-16C	Heater No. 2 (Plant No. 2)			45		
EQT021	94-16D	Heater No. 3 (Plant No. 2)			45		
EQT022	94-16E	Heater No. 4 (Plant No. 2)			45		
EQT023	94-16F	Heater No. 5 (Plant No. 2)			45		
EQT024	94-17	Preprocess Dryer Fugitives			18		
EQT025	94-20	Coating and Drying Fugitives			18		
EQT026	94-18	Dust Collector	55	50000	4.5	15.5	77
EQT027	94-19	Dust Hopper	62	2000	.83	18	77
EQT028	03-1A	Sand Transfer Fugitives				10	77
EQT029	03-1B	Iron Ore Transfer Fugitives				10	77
EQT030	03-2	Cement Unloading to Elevated Silo/Hopper	25	1500	1.13	20	77
EQT031	03-3A	Sand Weigh Hopper Loading Fugitives				10	77
EQT032	03-3B	Iron Ore Weigh Hopper Loading Fugitives				10	77
EQT033	03-4	Concrete Mixer Loading	12	250	.66	10	77
EQT034	04-1	Coating Dust Collector Vent	66	50000	4	20	77
EQT035	04-2	Spray Coating Fugitives					
EQT036	04-3	Clean Up Fugitives					
EQT037	06-1	Shot Dust Collector Vent	78	18500	2.25	16	77
EQT038	06-2	Shot Dust Collector Vent	74	14000	2	15.5	77
EQT039	06-3	Preprocess Dryer Fugitives				25	
EQT040	06-4	Dust Collector	54	31000	3.5	16	77
EQT041	06-5	Dust Hopper	44	3250	1.25	18	77
EQT042	07-3 - ARO	Coating Dust Collector Vent	60	15000	2.25	29	77
EQT043	07-2 - ARO	Coating Dust Collector Vent	60	15000	2.25	29	77

**Fee Information:**

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
GRP001	1		1120 - Galvanizing and Pipe Coating Excluding All Other Activities

**EMISSION RATES FOR CRITERIA POLLUTANTS**

AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility  
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 Air - Title V Regular Permit Initial

**All phases**

Subject Item	PM <sub>10</sub>			SO <sub>2</sub>			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 001 03-5	0.986	0.986	4.3												
EQT 001 94-1	0.146	0.146	0.43												
EQT 002 94-3	0.146	0.146	0.43												
EQT 003 94-4A	0.60	0.60	2.62												
EQT 004 94-4B	0.117	0.117	0.34												
EQT 005 94-6	0.088	0.088	0.26												
EQT 006 94-7	0.044	0.044	0.13												
EQT 008 94-10A	0.60	0.60	1.75												
EQT 009 94-10B	0.02	0.02	0.06												
EQT 010 94-12															
EQT 011 94-13															
EQT 012 94-15A	0.015	0.015	0.04	0.001	0.001	0.01	0.191	0.191	0.55	0.16	0.16	0.47	0.011	0.011	0.03
EQT 013 94-15B	0.015	0.015	0.04	0.001	0.001	0.01	0.191	0.191	0.55	0.16	0.16	0.47	0.011	0.011	0.03
EQT 014 94-15C	0.029	0.029	0.08	0.002	0.002	0.01	0.381	0.381	1.11	0.32	0.32	0.93	0.021	0.021	0.06
EQT 015 94-15D	0.029	0.029	0.08	0.002	0.002	0.01	0.381	0.381	1.11	0.32	0.32	0.93	0.021	0.021	0.06
EQT 016 94-15E	0.029	0.029	0.08	0.002	0.002	0.01	0.381	0.381	1.11	0.32	0.32	0.93	0.021	0.021	0.06
EQT 017 94-15F	0.029	0.029	0.08	0.002	0.002	0.01	0.381	0.381	1.11	0.32	0.32	0.93	0.021	0.021	0.06
EQT 018 94-16A	0.016	0.016	0.05	0.001	0.001	0.01	0.214	0.214	0.62	0.18	0.18	0.52	0.012	0.012	0.03

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**All phases**

Subject Item	PM <sub>10</sub>			SO <sub>2</sub>			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 019 94-16B	0.065	0.065	0.19	0.005	0.005	0.02	0.857	0.857	2.50	0.72	0.72	2.10	0.047	0.047	0.14
EQT 020 94-16C	0.065	0.065	0.19	0.005	0.005	0.02	0.857	0.857	2.50	0.72	0.72	2.10	0.047	0.047	0.14
EQT 021 94-16D	0.065	0.065	0.19	0.005	0.005	0.02	0.857	0.857	2.50	0.72	0.72	2.10	0.047	0.047	0.14
EQT 022 94-16E	0.065	0.065	0.19	0.005	0.005	0.02	0.857	0.857	2.50	0.72	0.72	2.10	0.047	0.047	0.14
EQT 023 94-16F	0.065	0.065	0.19	0.005	0.005	0.02	0.857	0.857	2.50	0.72	0.72	2.10	0.047	0.047	0.14
EQT 024 94-17	0.007	0.007	0.03	< 0.001	< 0.001	< 0.01	0.095	0.095	0.42	0.08	0.08	0.35	0.005	0.005	0.02
EQT 025 94-20	0.029	0.029	0.13	0.002	0.002	0.01	0.381	0.381	1.66	0.32	0.32	1.40	39.90	39.90	174.78
EQT 026 94-18	0.073	0.073	0.32												
EQT 027 94-18	0.019	0.019	0.02												
EQT 028 03-1A	0.01	0.01	0.01												
EQT 029 03-1B	0.121	0.121	0.16												
EQT 030 03-2	0.004	0.004	0.01												
EQT 031 03-3A	0.024	0.024	0.03												
EQT 032 03-3B	0.088	0.088	0.11												
EQT 033 03-4	0.057	0.057	0.07												
EQT 034 04-1	0.487	0.487	1.42												
EQT 035 04-2												1.311	1.311	0.954	
EQT 036 04-3												0.261	0.261	0.19	

### EMISSION RATES FOR CRITERIA POLLUTANTS

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**All phases**

Subject Item	PM <sub>10</sub>			SO <sub>2</sub>			NOX			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 037 06-1	0.132	0.132	0.58												
EQT 038 06-2	0.132	0.132	0.58												
EQT 039 06-3	0.007	0.007	0.03	< 0.001	< 0.001	< 0.01	0.095	0.095	0.42	0.08	0.08	0.35	0.005	0.005	0.02
EQT 040 06-4	0.073	0.073	0.32												
EQT 041 06-5	0.032	0.032	0.03												
EQT 042 07-3	0.60	0.60	1.75												
EQT 043 07-2	0.60	0.60	2.62												
FUG 001 06-3	0.54	0.81	2.37												
FUG 002 07-1													5.48	5.48	0.8

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

**Permit Phase Totals:**

PM10: 22.34 tons/yr  
 SO2: 0.20 tons/yr  
 NOX: 21.16 tons/yr  
 CO: 17.78 tons/yr  
 VOC: 178.10 tons/yr

**Emission rates Notes:**

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility  
 Activity Number: PER20060001  
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**All phases**

Subject Item	Ethyl benzene			Formaldehyde			Methanol			Methyl ethyl ketone			Toluene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 025 94-20	2.605	2.605	11.41	0.164	0.164	0.72									
EQT 035 04-2	0.051	0.051	0.04							0.254	0.254	0.19	0.752	0.752	0.55
EQT 036 04-3										0.057	0.057	0.04	0.204	0.204	0.15
FUG 002 07-1							0.22	0.22	0.03				3.0	3.0	0.44

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility  
 Activity Number: PER20060001  
 Permit Number: 1260-00102-V0  
 Air - Title V Regular Permit Initial

**All phases**

Subject Item	Xylene (mixed isomers)		
	Avg lb/hr	Max lb/hr	Tons/Year
EQT 025 94-20	11.09	11.09	48.58
EQT 035 04-2	0.254	0.254	0.19
EQT 036 04-3			
FUG 002 07-1			

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

**Permit Parameter Totals:**

Ethyl benzene: 11.45 tons/yr  
 Formaldehyde: 0.72 tons/yr  
 Methanol: 0.03 tons/yr  
 Methyl ethyl ketone: 0.23 tons/yr  
 Toluene: 1.14 tons/yr  
 Xylene (mixed isomers): 48.77 tons/yr

**Emission Rates Notes:**

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**ARE001    03-5 - Wind Erosion from Piles**

- 1 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. [LAC 33:III.1305]
  - 2 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year    Statistical Basis: Six-minute average

**EQT001    94-1    Shot Dust Collector Vent**

- 3 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]
- 4 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 5 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
- Which Months: All Year    Statistical Basis: None specified
- 6 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 7 Particulate matter (10 microns or less) >= 99.6 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]
- Which Months: All Year    Statistical Basis: None specified

**EQT002    94-3    Shot Dust Collector Vent**

- 8 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]
- Which Months: All Year    Statistical Basis: None specified
- 9 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 10 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
- Which Months: All Year    Statistical Basis: None specified
- 11 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 12 Particulate matter (10 microns or less) >= 99.6 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]
- Which Months: All Year    Statistical Basis: None specified

**EQT003    94-4A    Coating Dust Collector Vent**

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**EQT003     94-4A     Coating Dust Collector Vent**

- 13 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]  
 Which Months: All Year     Statistical Basis: None specified
- 14 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 15 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]  
 Which Months: All Year     Statistical Basis: None specified
- 16 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 17 Particulate matter (10 microns or less)  $\geq$  99.6 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]  
 Which Months: All Year     Statistical Basis: None specified

**EQT004     94-4B     Coating Dust Collector Vent**

- 18 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]  
 Which Months: All Year     Statistical Basis: None specified
- 19 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 20 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]  
 Which Months: All Year     Statistical Basis: None specified
- 21 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 22 Particulate matter (10 microns or less)  $\geq$  99.6 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]  
 Which Months: All Year     Statistical Basis: None specified

**EQT005     94-6     Shot Dust Collector Vent**

- 23 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]  
 Which Months: All Year     Statistical Basis: None specified
- 24 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**EQT005    94-6    Shot Dust Collector Vent**

25 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

26 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

27 Particulate matter (10 microns or less) >= 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

**EQT006    94-7    Shot Dust Collector Vent**

28 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

29 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

30 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

31 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

32 Particulate matter (10 microns or less) >= 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

**EQT008    94-10A    Coating Dust Collector Vent**

33 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

34 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

35 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

36 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

37 Particulate matter (10 microns or less) >= 99.6 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**EQT009 94-10B Suction Dust Collector Vent**

38 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

39 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

40 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

41 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

42 Particulate matter (10 microns or less)  $\geq$  99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

**EQT010 94-12 Diesel Fuel Tank**

43 Diesel Throughput  $\leq$  77000 gallons. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Diesel Throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

44 Diesel Throughput monitored by inventory records and calculations continuously. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

45 Diesel Throughput recordkeeping by invoices/bills of lading monthly. Keep records of the total Diesel throughput each month, as well as the total Diesel throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

**EQT011 94-13 Gasoline Storage Tank**

46 Equip with a submerged fill pipe. [LAC 33:III.2103.A]

47 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

48 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

49 Gasoline Throughput  $\leq$  19740 gallons. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Gasoline Throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

50 Gasoline Throughput monitored by inventory records and calculations continuously. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

51 Gasoline Throughput recordkeeping by invoices/bills of lading monthly. Keep records of the total Gasoline Throughput each month, as well as the total Gasoline Throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

**EQT012 94-15A Preheater No. 1 (Plant No. 1)**

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**EQ1012    **94-15A**    **Preheater No. 1 (Plant No. 1)****

52 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year    Statistical Basis: None specified

53 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year    Statistical Basis: None specified

54 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**EQ1013    **94-15B**    **Preheater No. 2 (Plant No. 1)****

55 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year    Statistical Basis: None specified

56 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year    Statistical Basis: None specified

57 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**EQ1014    **94-15C**    **Heater No. 1 (Plant No. 1)****

58 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year    Statistical Basis: None specified

59 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year    Statistical Basis: None specified

60 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**EQ1015    **94-15D**    **Heater No. 2 (Plant No. 1)****

61 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year    Statistical Basis: None specified

62 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year    Statistical Basis: None specified

63 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**SPECIFIC REQUIREMENTS**

AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility

Activity Number: PER20060001

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**EQT016 94-15E Heater No. 3 (Plant No. 1)**

64 Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

65 Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

66 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**EQT017 94-15F Heater No. 4 (Plant No. 1)**

67 Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

68 Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

69 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**EQT018 94-16A Preheater No. 1 (Plant No. 2)**

70 Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

71 Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

72 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**EQT019 94-16B Heater No. 1 (Plant No. 2)**

73 Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

74 Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

75 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**SPECIFIC REQUIREMENTS**

**AIID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

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**EQT020     **94-16C Heater No. 2 (Plant No. 2)****

76 Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year     Statistical Basis: None specified

77 Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year     Statistical Basis: None specified

78 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**EQT021     **94-16D Heater No. 3 (Plant No. 2)****

79 Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year     Statistical Basis: None specified

80 Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year     Statistical Basis: None specified

81 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**EQT022     **94-16E Heater No. 4 (Plant No. 2)****

82 Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year     Statistical Basis: None specified

83 Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year     Statistical Basis: None specified

84 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**EQT023     **94-16F Heater No. 5 (Plant No. 2)****

85 Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year     Statistical Basis: None specified

86 Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year     Statistical Basis: None specified

87 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**SPECIFIC REQUIREMENTS**

AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility

Activity Number: PER20060001

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**EQT024 94-17 Preprocess Dryer Fugitives**

88 Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

89 Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

90 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**EQT025 94-20 Coating and Drying Fugitives**

91 Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

92 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC

33:III.1305.A.1-7. [LAC 33:III.1305]

93 Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

94 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

95 VOC, Total  $\leq$  3.5 lb/gal of coating as applied (minus water and exempt solvent). [LAC 33:III.2123.C]

Which Months: All Year Statistical Basis: Daily average

96 Determine compliance by the procedure specified in "Control of Volatile Organic Emissions for Existing Stationary Sources. Vol. 2-Surface Coating of Cans, Coils, Paper, Fabric, Autos and Lt. Duty Trucks", (EPA 450/2-77-008), the procedures specified in "Measurement of Volatile Organic Compounds" (EPA-450/2-78-041), a method approved by DEQ or certification from the paint manufacturer concerning the solvent makeup of the paint. Treat exempt solvents the same as water in calculating the VOC content per gallon of coating. [LAC 33:III.2123.D.3]

97 Determine compliance with LAC 33:III.2123.A, C, and D by applying the test methods specified in LAC 33:III.2123.E.1 through E.6, as appropriate. [LAC 33:III.2123.E]

98 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify compliance with LAC 33:III.2123. Maintain records for at least two years. [LAC 33:III.2123.F]

99 Comply with the requirements of LAC 33:III.2123 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2123 as a result of a revision of LAC 33:III.2123. [LAC 33:III.2123.H]

100 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

101 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

102 General use coating operations: Organic HAP  $\leq$  2.6 lb/gal (0.31 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(1)]

Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**  
**Activity Number: PER20060001**  
**Permit Number: 1260-00102-V0**  
**Air - Title V Regular Permit Initial**

**EQT025    94-20    Coating and Drying Fugitives**

- 103 High performance coating operations: Organic HAP <= 27.5 lb/gal (3.3 kg/L) coating solids used during each 12-month compliance period. Subpart M MMMM. [40 CFR 63.3890(b)(2)]  
 Which Months: All Year    Statistical Basis: None specified
- 104 Extreme performance fluoropolymer coating operations: Organic HAP <= 12.4 lb/gal (1.5 kg/L) coating solids used during each 12-month compliance period. Subpart M MMMM. [40 CFR 63.3890(b)(5)]  
 Which Months: All Year    Statistical Basis: None specified
- 105 Demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, calculated as a rolling 12-month emission rate and determined on a monthly basis. Subpart M MMMM. [40 CFR 63.3891(b)]
- 106 Determine the mass of organic HAP emissions and volume of coating solids used each month and then calculate an organic HAP emission rate at the end of the initial compliance period. Subpart M MMMM. [40 CFR 63.3950]
- 107 Demonstrate initial compliance with the emission limitations in 40 CFR 63.3890 using the test methods and procedures specified in 40 CFR 63.3951(a) through (h). Conduct a separate initial compliance demonstration for each general use, high performance, magnet wire, rubber-to-metal, and extreme performance fluoropolymer coating operation, unless compliance is being demonstrated with a predominant activity or facility-specific emission limit as provided in 40 CFR 63.3890(c). Subpart M MMMM. [40 CFR 63.3951]
- 108 Perform the calculations in 40 CFR 63.3951(a) through (g) on a monthly basis using data from the previous 12 months of operation. If complying with a facility-specific emission limit under 40 CFR 63.3890(c), also perform the calculation using Equation 1 in 40 CFR 63.3890(c)(2) on a monthly basis using the data from the previous 12 months of operation. Subpart M MMMM. [40 CFR 63.3952(a)]
- 109 Identify the coating operation(s) for which the emission rate without add-on controls option was used, and submit as part of each semiannual compliance report required by 40 CFR 63.3920. If there were no deviations from the applicable emission limits in 40 CFR 63.3890, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in 40 CFR 63.3890, determined according to 40 CFR 63.3951(a) through (g). Subpart M MMMM. [40 CFR 63.3952(c)]

**EQT026    94-18    Dust Collector**

- 110 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified
- 111 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 112 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified
- 113 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 114 Particulate matter (10 microns or less) >= 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

**EQT027    94-19    Dust Hopper**

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**EQI027    94-19    Dust Hopper**

115 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

116 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

117 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

118 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

119 Particulate matter (10 microns or less) >= 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

**EQI028    03-1A    Sand Transfer Fugitives**

120 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. [LAC 33:III.1305]

121 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year    Statistical Basis: Six-minute average

122 Sand Throughput <= 26000 tons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Sand throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

123 Sand Throughput monitored by inventory records and calculations continuously. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

124 Sand Throughput recordkeeping by invoices/bills of lading monthly. Keep records of the total Sand throughput each month, as well as the total Sand throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

**EQI029    03-1B    Iron Ore Transfer Fugitives**

125 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. [LAC 33:III.1305]

126 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year    Statistical Basis: Six-minute average

127 Iron Ore Throughput <= 95000 tons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Iron Ore throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**EQI029    03-1B    Iron Ore Transfer Fugitives**

128 Iron Ore Throughput monitored by inventory records and calculations continuously. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

129 Iron Ore Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total Iron Ore throughput each month, as well as the total Iron Ore throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

**EQI030    03-2    Cement Unloading to Elevated Silo/Hopper**

130 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

131 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

132 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

133 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

134 Cement Throughput  $\leq$  31000 tons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Cement throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

135 Particulate matter (10 microns or less)  $\geq$  95 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

136 Cement Throughput monitored by inventory records and calculations continuously. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

137 Cement Throughput recordkeeping by invoices/bills of lading monthly. Keep records of the total Cement throughput each month, as well as the total Cement throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

**EQI031    03-3A    Sand Weigh Hopper Loading Fugitives**

138 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. [LAC 33:III.1305]

139 Opacity  $\leq$  20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year    Statistical Basis: Six-minute average

140 Sand Throughput  $\leq$  26000 tons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Sand throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

141 Sand Throughput monitored by technically sound method continuously. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**EQT031    03-3A    Sand Weigh Hopper Loading Fugitives**

142 Sand Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total Sand throughput each month, as well as the total Sand throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

**EQT032    03-3B    Iron Ore Weigh Hopper Loading Fugitives**

143 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. [LAC 33:III.1305]

144 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year    Statistical Basis: Six-minute average

145 Iron Ore Throughput <= 95000 tons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Iron Ore throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

146 Iron Ore Throughput monitored by technically sound method continuously. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

147 Iron Ore Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total Iron Ore throughput each month, as well as the total Iron Ore throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

**EQT033    03-4    Concrete Mixer Loading**

148 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

149 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

150 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

151 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

152 Cement Throughput <= 3 1000 tons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Cement throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

153 Particulate matter (10 microns or less) >= 95 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

154 Cement Throughput monitored by inventory records and calculations continuously. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

155 Cement Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total Cement throughput each month, as well as the total Cement throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**EQI034 04-1 Coating Dust Collector Vent**

156 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

157 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

158 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

159 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

160 Particulate matter (10 microns or less)  $\geq$  99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

**EQI035 04-2 Spray Coating Fugitives**

161 VOC, Total  $\leq$  3.0 lb/gal of coating as applied (minus water and exempt solvent). [LAC 33:III.2123.C]

Which Months: All Year Statistical Basis: Daily average

162 Determine compliance by the procedure specified in "Control of Volatile Organic Emissions for Existing Stationary Sources. Vol. 2-Surface Coating of Cans, Coils, Paper, Fabric, Autos and Lt. Duty Trucks", (EPA 450/2-77-008), the procedures specified in "Measurement of Volatile Organic Compounds" (EPA-450/2-78-041), a method approved by DEQ or certification from the paint manufacturer concerning the solvent makeup of the paint. Treat exempt solvents the same as water in calculating the VOC content per gallon of coating. [LAC 33:III.2123.D.3]

163 Determine compliance with LAC 33:III.2123.A, C, and D by applying the test methods specified in LAC 33:III.2123.E.1 through E.6, as appropriate. [LAC 33:III.2123.E]

164 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify compliance with LAC 33:III.2123. Maintain records for at least two years. [LAC 33:III.2123.F]

165 Comply with the requirements of LAC 33:III.2123 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2123 as a result of a revision of LAC 33:III.2123. [LAC 33:III.2123.H]

166 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

167 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

168 General use coating operations: Organic HAP  $\leq$  2.6 lb/gal (0.31 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(1)]

Which Months: All Year Statistical Basis: None specified

169 High performance coating operations: Organic HAP  $\leq$  27.5 lb/gal (3.3 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(2)]

Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**EQT035    04-2    Spray Coating Fugitives**

- 170 Rubber-to-metal coating operations: Organic HAP  $\leq$  37.7 lb/gal (4.5 kg/L) coating solids used during each 12-month compliance period. Subpart M MMMM. [40 CFR 63.3890(b)(4)]  
 Which Months: All Year    Statistical Basis: None specified
- 171 Extreme performance fluoropolymer coating operations: Organic HAP  $\leq$  12.4 lb/gal (1.5 kg/L) coating solids used during each 12-month compliance period. Subpart M MMMM. [40 CFR 63.3890(b)(5)]  
 Which Months: All Year    Statistical Basis: None specified
- 172 Demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, calculated as a rolling 12-month emission rate and determined on a monthly basis. Subpart M MMMM. [40 CFR 63.3891(b)]
- 173 Determine the mass of organic HAP emissions and volume of coating solids used each month and then calculate an organic HAP emission rate at the end of the initial compliance period. Subpart M MMMM. [40 CFR 63.3950]
- 174 Demonstrate initial compliance with the emission limitations in 40 CFR 63.3890 using the test methods and procedures specified in 40 CFR 63.3951(a) through (h). Conduct a separate initial compliance demonstration for each, general use, high performance, magnet wire, rubber-to-metal, and extreme performance fluoropolymer coating operation, unless compliance is being demonstrated with a predominant activity or facility-specific emission limit as provided in 40 CFR 63.3890(c). Subpart M MMMM. [40 CFR 63.3951]
- 175 Perform the calculations in 40 CFR 63.3951(a) through (g) on a monthly basis using data from the previous 12 months of operation. If complying with a facility-specific emission limit under 40 CFR 63.3890(c), also perform the calculation using Equation 1 in 40 CFR 63.3890(c)(2) on a monthly basis using the data from the previous 12 months of operation. Subpart M MMMM. [40 CFR 63.3952(a)]
- 176 Identify the coating operation(s) for which the emission rate without add-on controls option was used, and submit as part of each semiannual compliance report required by 40 CFR 63.3920. If there were no deviations from the applicable emission limits in 40 CFR 63.3890, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in 40 CFR 63.3890, determined according to 40 CFR 63.3951(a) through (g). Subpart M MMMM. [40 CFR 63.3952(c)]

**EQT036    04-3    Clean Up Fugitives**

- 177 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]
- 178 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]
- 179 General use coating operations: Organic HAP  $\leq$  2.6 lb/gal (0.31 kg/L) coating solids used during each 12-month compliance period. Subpart M MMMM. [40 CFR 63.3890(b)(1)]  
 Which Months: All Year    Statistical Basis: None specified
- 180 High performance coating operations: Organic HAP  $\leq$  27.5 lb/gal (3.3 kg/L) coating solids used during each 12-month compliance period. Subpart M MMMM. [40 CFR 63.3890(b)(2)]  
 Which Months: All Year    Statistical Basis: None specified
- 181 Rubber-to-metal coating operations: Organic HAP  $\leq$  37.7 lb/gal (4.5 kg/L) coating solids used during each 12-month compliance period. Subpart M MMMM. [40 CFR 63.3890(b)(4)]  
 Which Months: All Year    Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AIID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**EQT036    04-3    Clean Up Fugitives**

182 Extreme performance fluoropolymer coating operations: Organic HAP  $\leq$  12.4 lb/gal (1.5 kg/L) coating solids used during each 12-month compliance period. Subpart M MMMM. [40 CFR 63.3890(b)(5)]

Which Months: All Year    Statistical Basis: None specified

183 Demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, calculated as a rolling 12-month emission rate and determined on a monthly basis. Subpart M MMMM. [40 CFR 63.3891(b)]

184 Determine the mass of organic HAP emissions and volume of coating solids used each month and then calculate an organic HAP emission rate at the end of the initial compliance period. Subpart M MMMM. [40 CFR 63.3950]

185 Demonstrate initial compliance with the emission limitations in 40 CFR 63.3890 using the test methods and procedures specified in 40 CFR 63.3951(a) through (h). Conduct a separate compliance demonstration for each general use, high performance, magnet wire, rubber-to-metal, and extreme performance fluoropolymer coating operation, unless compliance is being demonstrated with a predominant activity or facility-specific emission limit as provided in 40 CFR 63.3890(c). Subpart M MMMM. [40 CFR 63.3951]

186 Perform the calculations in 40 CFR 63.3951(a) through (g) on a monthly basis using data from the previous 12 months of operation. If complying with a facility-specific emission limit under 40 CFR 63.3890(c), also perform the calculation using Equation 1 in 40 CFR 63.3890(c)(2) on a monthly basis using the data from the previous 12 months of operation. Subpart M MMMM. [40 CFR 63.3952(a)]

187 Identify the coating operation(s) for which the emission rate without add-on controls option was used, and submit as part of each semiannual compliance report required by 40 CFR 63.3920. If there were no deviations from the applicable emission limits in 40 CFR 63.3890, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in 40 CFR 63.3890, determined according to 40 CFR 63.3951(a) through (g). Subpart M MMMM. [40 CFR 63.3952(c)]

**EQT037    06-1    Shot Dust Collector Vent**

188 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

189 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

190 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

191 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

192 Particulate matter (10 microns or less)  $\geq$  99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

**EQT038    06-2    Shot Dust Collector Vent**

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

**Permit Number: 1260-00102-V0**

**Air - Title V Regular Permit Initial**

**EQT038    06-2    Shot Dust Collector Vent**

193 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

194 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

195 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

196 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

197 Particulate matter (10 microns or less)  $\geq$  99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

**EQT039    06-3    Preprocess Dryer Fugitives**

198 Opacity  $\leq$  20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year    Statistical Basis: None specified

199 Total suspended particulate  $\leq$  0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year    Statistical Basis: None specified

200 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions. [LAC 33:III.1513.C]

**EQT040    06-4    Dust Collector**

201 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

202 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

203 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

204 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

205 Particulate matter (10 microns or less)  $\geq$  99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

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**EQT041      06-5      Dust Hopper**

206 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year      Statistical Basis: None specified

207 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

208 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year      Statistical Basis: None specified

209 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

210 Particulate matter (10 microns or less)  $\geq$  99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year      Statistical Basis: None specified

**EQT042      07-3 - ARO Coating Dust Collector Vent**

211 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year      Statistical Basis: None specified

212 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

213 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year      Statistical Basis: None specified

214 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

215 Particulate matter (10 microns or less)  $\geq$  99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year      Statistical Basis: None specified

**EQT043      07-2 - ARO Coating Dust Collector Vent**

216 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year      Statistical Basis: None specified

217 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

**SPECIFIC REQUIREMENTS**

**AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility**

**Activity Number: PER20060001**

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**EQT043      07-2 - ARO Coating Dust Collector Vent**

218 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

219 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

220 Particulate matter (10 microns or less) >= 99.6 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

**FUG001      98-3    Fugitive Road Dust**

221 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. [LAC 33:III.1305]

222 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]  
 Which Months: All Year    Statistical Basis: Six-minute average

**FUG002      07-1 - Clean Up Fugitives ID Plant**

223 Solvent Throughput <= 2292 gallons. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Solvent throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

224 Solvent Throughput monitored by inventory records and calculations continuously. [LAC 33:III.501.C.6]  
 Which Months: All Year    Statistical Basis: None specified

225 Solvent Throughput recordkeeping by invoices/bills of lading monthly. Keep records of the total Solvent throughput each month, as well as the total Solvent throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

**GRP001      Entire Facility**

226 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.1111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]

227 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]

228 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]

229 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.2119]

230 Carbon monoxide <= 17.78 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: Annual maximum

231 Nitrogen oxides <= 21.16 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year    Statistical Basis: Annual maximum

**SPECIFIC REQUIREMENTS**

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**GRP001      Entire Facility**

- 232 Particulate matter (10 microns or less) <= 22.34 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year    Statistical Basis: Annual maximum
- 233 Sulfur dioxide <= 0.20 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year    Statistical Basis: Annual maximum
- 234 VOC, Total <= 178.10 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year    Statistical Basis: Annual maximum
- 235 Ethyl benzene <= 11.45 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year    Statistical Basis: Annual maximum
- 236 Formaldehyde <= 0.72 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year    Statistical Basis: Annual maximum
- 237 Methanol <= 0.03 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year    Statistical Basis: Annual maximum
- 238 Methyl ethyl ketone <= 0.23 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year    Statistical Basis: Annual maximum
- 239 Toluene <= 1.14 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year    Statistical Basis: Annual maximum
- 240 Xylene (mixed isomers) <= 48.77 tons/yr. [LAC 33:III.501.C.6]  
Which Months: All Year    Statistical Basis: Annual maximum
- 241 Submit to DEQ a certification of compliance with all MACT requirements, in accordance with LAC 33:III.5109.D. Include the elements listed in LAC 33:III.5109.E. [LAC 33:III.5109.A.2]
- 242 Submit to DEQ a certification of compliance with all ambient air standards, in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. [LAC 33:III.5109.B.2]
- 243 Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology. [LAC 33:III.5109.B.3]
- 244 Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112.Table 51.2. [LAC 33:III.5109.B]
- 245 Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department. [LAC 33:III.5109.C]
- 246 Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:I.1701, before commencement of the construction of any new source. [LAC 33:III.5111.A.1]
- 247 Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source. [LAC 33:III.5111.A.2.a]
- 248 Obtain written authorization from DEQ before commencement of any modification specified in a compliance plan submitted pursuant to LAC 33:III.5109. [LAC 33:III.5111.A.3]
- 249 Submit letter: Due to the Office of Environmental Services, Air Permits Division, concurrently with the submittal of the compliance plan. Indicate that the necessary permit modification (or new permit if no existing permit is in place) will be applied for by a date specified in the compliance schedule and request written authorization to construct, or, Submit permit application: Due to the Office of Environmental Services, Permits Division in accordance with LAC 33:III.5111.B, concurrently with the submittal of the compliance plan. [LAC 33:III.5111.A.3]

**SPECIFIC REQUIREMENTS****AI ID: 5688 - The Bayou Companies LLC - New Iberia Facility****Activity Number: PER20060001****Permit Number: 1260-00102-V0****Air - Title V Regular Permit Initial****GRP001      **Entire Facility****

- 250 Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified. [LAC 33:III.5111.A]
- 251 Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority. [LAC 33:III.5611.A]
- 252 During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. [LAC 33:III.5611.B]
- 253 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]
- 254 Operate and maintain the affected source, including all air pollution control and monitoring equipment used for the purposes of complying with 40 CFR 63 Subpart M, according to the provisions in 40 CFR 63.6(e)(1)(i). Subpart M. [40 CFR 63.3900(b)]
- 255 Submit the notifications in 40 CFR 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h), as applicable, by the dates specified in those sections, except as provided in 40 CFR 63.3910(b) and (c). Subpart M. [40 CFR 63.3910(a)]
- 256 Include the information specified in 40 CFR 63.3910(c)(1) through (c)(11) and in 40 CFR 63.9(h) in the notification of compliance status required by 40 CFR 63.9(h). Subpart M. [40 CFR 63.3910(c)]
- 257 Submit compliance status report: Due semiannually, by the 31st of January and July. Include the information specified in 40 CFR 63.3920(a)(3) through (a)(7) and (c)(1), as applicable. Subpart M. [40 CFR 63.3920(a)]
- 258 Submit startup, shutdown and malfunction report: Due within 2 working days by facsimile, telephone, or other means after starting actions that are inconsistent with the startup, shutdown and malfunction plan. Describe the actions taken during the event. Submit a letter within 7 working days after the end of the event, unless alternative arrangements have been made with DEQ as specified in 40 CFR 63.10(d)(5)(ii). Include the information specified in 40 CFR 63.10(d)(5)(i). Subpart M. [40 CFR 63.3920(c)(2)]
- 259 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.3930(a) through (k), as applicable. Subpart M. [40 CFR 63.3930]
- 260 Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record, as specified in 40 CFR 63.10(b)(1). Keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record according to 40 CFR 63.10(b)(1). Records may be kept off-site for the remaining 3 years. Subpart M. [40 CFR 63.3931]
- 261 Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 262 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 263 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(ii)(B)]
- 264 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]